<u>IN THE CLAIMS</u>:

Please cancel amend Claims 20 and 21 without prejudice or disclaimer of subject matter, and add new Claims 22 to 53 as shown below. The claims, as pending in the subject application, read as follows:

1. to 21. (Canceled)

22. (New) An image processing device for performing a conversion processing of image data, comprising:

input means for inputting image data;

enlargement/reduction magnification setting means for setting an enlargement/reduction magnification of the image data input by said input means;

data converting means having a plurality of image data density conversion tables and using one selected density conversion table to convert said input image data to output data; and

table selecting means for selecting said density conversion table in accordance with the enlargement/reduction magnification set by said enlargement/reduction magnification setting means.

23. (New) An image processing device according to Claim 22, wherein said table selecting means selects the density conversion table in which a change amount of output image data is enlarged with respect to the change amount of input image data when the enlargement magnification is set to a predetermined value or more.

24. (New) An image processing device according to Claim 22, wherein said table selecting means selects the density conversion table in which a change amount of output image data is reduced with respect to the change amount of input image data when the reduction magnification is set to a predetermined value or less.

25. (New) An image processing device according to Claim 22, further comprising judging means for judging an amount or a ratio of intermediate density data of the input image data, wherein said table selecting means selects said density conversion table according to the enlargement/reduction magnification and the judged result of said judging means.

26. (New) An image processing device according to Claim 25, wherein said table selecting means selects the density conversion table in which a change amount of the output image data is large with respect to a change amount of the input image data, when it is judged by said judging means that the intermediate density data is small and the enlargement magnification equal to or higher than a predetermined value is set.

27. (New) An image processing device according to Claim 25, wherein said table selecting means selects the density conversion table in which a change amount of the output image data is small with respect to a change amount of the input image data, when it is judged by said judging means that the intermediate density data is large and the reduction magnification equal to or lower than a predetermined value is set.

28. (New) An image processing device according to Claim 22, further comprising output characteristic selecting means for selecting a density output characteristic, wherein said table selecting means selects the density conversion table according to the enlargement/reduction magnification and the density output characteristic selected by said output characteristic selecting means.

29. (New) An image processing device according to Claim 28, wherein said output characteristic selecting means can select either one of a character mode and a photograph mode both provided as output characteristics, and

wherein said table selecting means selects the density conversion table in which a change amount of the output image data is large with respect to a change amount of the input image data, when the character mode is selected by said output characteristic selecting means and the enlargement magnification equal to or higher than a predetermined value is set.

30. (New) An image processing device according to Claim 28, wherein said output characteristic selecting means can select either one of a character mode and a photograph mode both provided as output characteristics, and

wherein said table selecting means selects the density conversion table in which a change amount of the output image data is small with respect to a change amount of the input image data, when the photograph mode is selected by said output characteristic selecting means and the enlargement magnification equal to or lower than a predetermined value is set.

31. (New) An image processing device for performing a conversion processing of image data, comprising:

input means for inputting luminance data;

enlargement/reduction magnification setting means for setting an enlargement/reduction magnification of the luminance data inputted by said input means;

data converting means having a plurality of luminance/density conversion tables and using one selected luminance/density conversion table to convert said inputted luminance data to output density data; and

table selecting means for selecting said luminance/density conversion table in accordance with the enlargement/reduction magnification set by said enlargement/reduction magnification setting means.

32. (New) An image processing device according to Claim 31, further comprising judging means for judging an amount or a ratio of intermediate density data of the input luminance data, wherein said table selecting means selects said luminance/density conversion table according to the enlargement/reduction magnification and the judged result of said judging means.

33. (New) An image processing device according to Claim 32, wherein said table selecting means selects the luminance/density conversion table which has been set to convert a low-luminance portion into high luminance as compared with a standard luminance/density conversion table, when it is judged by said judging means that the intermediate density data is small and the enlargement magnification equal to or higher than a predetermined value is set.

34. (New) An image processing device according to Claim 32, wherein said table selecting means selects the luminance/density conversion table which has been set to improve reproducibility of an intermediate density portion as compared with a standard luminance/density conversion table, when it is judged by said judging means that the intermediate density data is large and the reduction magnification equal to or lower than a predetermined value is set.

35. (New) An image processing device according to Claim 31, further comprising output characteristic selecting means for selecting a density output characteristic, wherein said table selecting means selects the luminance/density conversion table according to the enlargement/reduction magnification and the density output characteristic selected by said output characteristic selecting means.

36. (New) An image processing device according to Claim 35, wherein said output characteristic selecting means can select either one of a character mode and a photograph mode both provided as output characteristics, and

wherein said table selecting means selects the luminance/density conversion table which has been set to convert a low-luminance portion into high luminance as compared with a standard luminance/density conversion table, when the character mode is selected by said output characteristic selecting means and the enlargement magnification equal to or higher than a predetermined value is set.

37. (New) An image processing device according to Claim 35, wherein said output characteristic selecting means can select either one of a character mode and a photograph mode both provided as output characteristics, and said table selecting means selects the luminance/density conversion table which has been set to improve reproducibility of an intermediate density portion as compared with a standard luminance/density conversion table, when the photograph mode is selected by said output characteristic selecting means and the reduction magnification equal to or lower than a predetermined value is set.

38. (New) An image processing method for performing a conversion processing of image data, comprising:

an input step for inputting image data;

an enlargement/reduction magnification setting step for setting an enlargement/reduction magnification of the image data input in said input step;

a data converting step having a plurality of image data density conversion tables and using one selected density conversion table to convert said input image data to output data; and

a table selecting step for selecting said density conversion table in accordance with the enlargement/reduction magnification set in said enlargement/reduction magnification setting step.

39. (New) An image processing method according to Claim 38, wherein said table selecting step selects the density conversion table in which a change amount of output image data is enlarged with respect to the change amount of input image data when the enlargement magnification is set to a predetermined value or more.

40. (New) An image processing method according to Claim 38, wherein said table selecting step selects the density conversion table in which a change amount of output image data is reduced with respect to the change amount of input image data when the reduction magnification is set to a predetermined value or less.

41. (New) An image processing method according to Claim 38, further comprising a judging step for judging an amount or a ratio of intermediate density data of the input image data, wherein said table selecting step selects said density conversion table according to the enlargement/reduction magnification and the judged result of said judging step.

42. (New) An image processing method according to Claim 41, wherein said table selecting step selects the density conversion table in which a change amount of the output image data is large with respect to a change amount of the input image data, when it is judged in said judging step that the intermediate density data is small and the enlargement magnification equal to or higher than a predetermined value is set.

43. (New) An image processing method according to Claim 41, wherein said table selecting step selects the density conversion table in which a change amount of the output image data is small with respect to a change amount of the input image data, when it is judged in said judging step that the intermediate density data is large and the reduction magnification equal to or lower than a predetermined value is set.

44. (New) An image processing method according to Claim 38, further comprising an output characteristic selecting step for selecting a density output characteristic, wherein said table selecting step selects the density conversion table according to the enlargement/reduction magnification and the density output characteristic selected in said output characteristic selecting step.

45. (New) An image processing method according to Claim 44, wherein said output characteristic selecting step can select either one of a character mode and a photograph mode both provided as output characteristics, and

wherein said table selecting step selects the density conversion table in which a change amount of the output image data is large with respect to a change amount of the input image data, when the character mode is selected in said output characteristic selecting step and the enlargement magnification equal to or higher than a predetermined value is set.

46. (New) An image processing method according to Claim 44, wherein said output characteristic selecting step can select either one of a character mode and a photograph mode both provided as output characteristics, and

wherein said table selecting step selects the density conversion table in which a change amount of the output image data is small with respect to a change amount of the input image data, when the photograph mode is selected in said output characteristic selecting step and the enlargement magnification equal to or lower than a predetermined value is set.

47. (New) An image processing method for performing a conversion processing of image data, comprising:

an input step for inputting luminance data;

an enlargement/reduction magnification setting step for setting an enlargement/reduction magnification of the luminance data inputted in said input step;

- 10 -

a data converting step having a plurality of luminance/density conversion tables and using one selected luminance/density conversion table to convert said inputted luminance data to output density data; and

a table selecting step for selecting said luminance/density conversion table in accordance with the enlargement/reduction magnification set in said enlargement/reduction magnification setting step.


48. (New) An image processing method according to Claim 47, further comprising a judging step for judging an amount or a ratio of intermediate density data of the input luminance data, wherein said table selecting step selects said luminance/density conversion table according to the enlargement/reduction magnification and the judged result of said judging step.


49. (New) An image processing method according to Claim 48, wherein said table selecting step selects the luminance/density conversion table which has been set to convert a low-luminance portion into high luminance as compared with a standard luminance/density conversion table, when it is judged in said judging step that the intermediate density data is small and the enlargement magnification equal to or higher than a predetermined value is set.


50. (New) An image processing method according to Claim 48, wherein said table selecting step selects the luminance/density conversion table which has been set to improve reproducibility of an intermediate density portion as compared with a standard luminance/density

conversion table, when it is judged in said judging step that the intermediate density data is large and the reduction magnification equal to or lower than a predetermined value is set.

51. (New) An image processing method according to Claim 47, further comprising an output characteristic selecting step for selecting a density output characteristic, wherein said table selecting step selects the luminance/density conversion table according to the enlargement/reduction magnification and the density output characteristic selected in said output characteristic selecting step.

52. (New) An image processing method according to Claim 51, wherein said output characteristic selecting step can select either one of a character mode and a photograph mode both provided as output characteristics, and

wherein said table selecting step selects the luminance/density conversion table which has been set to convert a low-luminance portion into high luminance as compared with a standard luminance/density conversion table, when the character mode is selected in said output characteristic selecting step and the enlargement magnification equal to or higher than a predetermined value is set.

53. (New) An image processing method according to Claim 51, wherein said output characteristic selecting step can select either one of a character mode and a photograph mode both provided as output characteristics, and said table selecting step selects the

luminance/density conversion table which has been set to improve reproducibility of an

intermediate density portion as compared with a standard luminance/density conversion

table, when the photograph mode is selected in said output characteristic selecting step and the

reduction magnification equal to or lower than a predetermined value is set.